

Atty Docket No.: TKHR1020

Serial No.: 09/768,483

AMENDMENTSIn The Specification:

Please substitute the paragraph beginning at page 11, line 1 as follows:

Fig. 8 schematically illustrates a first example of the optical function module shown in Fig. 7. As shown in Fig. 8, the optical function module 130 comprises a wavelength managing module 140 and an optical amplifier 142. The wavelength managing module 140 has four ports used for input/output. For example, port P1 of the wavelength managing module ~~[130]~~ 140 is optically coupled to the optical transmission path 132, and used for receiving the optical signals having wavelengths  $\lambda_1, \lambda_3, \dots, \lambda_{2n-1}$ , or outputting the optical signals having wavelengths  $\lambda_2, \lambda_4, \dots, \lambda_{2m}$ , shown in Fig. 7. Port P4 of the wavelength managing module 130 is optically coupled to the optical transmission path 134, and used for receiving the optical signals having wavelengths  $\lambda_2, \lambda_4, \dots, \lambda_{2m}$  or outputting the optical signals having wavelengths  $\lambda_1, \lambda_3, \dots, \lambda_{2n-1}$ , shown in Fig. 7.